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STATEMENT BY APPLICANT**

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**Complete If Known**

Application Number	09/687,713
Filing Date	October 13, 2000
First Named Inventor	David A. Monroe
Art Unit	2632
Examiner Name	Pope, Daryl C
Attorney Docket Number	07-0192

Sheet 1 of 17

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,163,283	07-31-1979	Darby	
		US- 4,179,695	12-18-1979	Levine, et al	
		US- 4,179,536	04-08-1980	Levine	
		US- 4,516,125	05-07-1989	Schwab, et al	
		US- 4,831,438	05-16-1989	Bellman Jr. et al	
		US- 4,845,629	07-04-1989	Murge	
		US- 4,891,650	01-02-1990	Sheffer	
		US- 5,027,104	06-25-1991	Reid	
		US- 5,027,114	06-25-1991	Kawashime, et al	
		US- 5,166,746	11-24-1992	Sato, et al	
		US- 5,218,367	06-08-1993	Sheffer, et al	
		US- 5,243,340	09-07-1993	Norman, et al	
		US- 5,283,643	02-10-1994	Fujimoto	
		US- 5,321,615	06-14-1994	Frisbie, et al	
		US- 5,334,982	08-02-1994	Owen	
		US- 5,341,194	09-27-1994	Rose, et al	
		US- 5,400,031	03-21-1995	Fitts	
		US- 5,408,330	04-18-1995	Squicciarini, et al	
		US- 5,448,243	09-05-1995	Bethke, et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP9-251599	04-16-1999	Mastake, et al		
		JP11-160424	06-18-1999	Tenpei		
		JP6-301898	10-28-1994	Hoover		
		JP9-282600	10-31-1997	Hasegawa, et al		
		EP209,397	07-07-1993	Murga, et al		
		EP220,752	05-06-1987	Julin, et al		

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